

Storm Data and Unusual Weather Phenomena - February 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
INDIANA, South Central				

(IN-Z076) ORANGE, (IN-Z077) WASHINGTON, (IN-Z078) SCOTT, (IN-Z079) JEFFERSON, (IN-Z083) DUBOIS, (IN-Z084) CRAWFORD, (IN-Z089) PERRY, (IN-Z090) HARRISON, (IN-Z091) FLOYD, (IN-Z092) CLARK

02/16/15 03:00 EST	0	Heavy Snow
02/16/15 18:00 EST	0	

Arctic air invaded the Lower Ohio Valley on the 14th of February, setting the stage for heavy snow that developed during the early morning hours on the 16th. Low pressure moved across Arkansas and Tennessee from the 15th to the 16th of February. A large swath of heavy snow spread from southern Missouri into central Kentucky and southern Indiana during the early morning hours on the 16th, ending by late afternoon. During the late morning hours, snow fell at a rate of over one inch per hour, reducing visibility to less than one quarter of a mile for several consecutive hours. Southern Indiana received from 5 to 9 inches of snow, with a strip of heavy snow of near one foot extending right across central Kentucky from Ohio through Madison Counties.

KENTUCKY, Central

(KY-Z029) BULLITT, (KY-Z030) JEFFERSON, (KY-Z041) FAYETTE, (KY-Z057) MADISON, (KY-Z070) LOGAN

02/15/15 06:00 EST	6	0	Cold/Wind Chill
02/20/15 07:00 EST	1	0	

Direct Fatalities: F24OU, F30IW, M??OU, M49OU, M56MH, M86MH

An arctic outbreak brought frigid air to central Kentucky, which not only resulted in one of the heaviest snowfalls in a decade for the state, but led to several hypothermia fatalities as well. Several record low temperatures occurred early on the 20th when clear skies, calm winds and a fresh snowpack in excess of 6 inches led to early morning lows near 20 degrees below zero, as measured by some Kentucky Mesonet locations. The ASOS site at Lexington Airport reached -18 degrees. A temperature of -6 degrees was measured at Standiford Airport in Louisville, which is located within an urban heat island. Ten hypothermia deaths were recorded in Kentucky during the period, with 7 in central KY.

(KY-Z023) HANCOCK, (KY-Z024) BRECKINRIDGE, (KY-Z025) MEADE, (KY-Z026) OHIO, (KY-Z027) GRAYSON, (KY-Z028) HARDIN, (KY-Z029) BULLITT, (KY-Z030) JEFFERSON, (KY-Z031) OLDHAM, (KY-Z032) TRIMBLE, (KY-Z033) HENRY, (KY-Z034) SHELBY, (KY-Z035) FRANKLIN, (KY-Z036) SCOTT, (KY-Z037) HARRISON, (KY-Z038) SPENCER, (KY-Z039) ANDERSON, (KY-Z040) WOODFORD, (KY-Z041) FAYETTE, (KY-Z042) BOURBON, (KY-Z043) NICHOLAS, (KY-Z045) NELSON, (KY-Z046) WASHINGTON, (KY-Z047) MERCER, (KY-Z048) JESSAMINE, (KY-Z049) CLARK, (KY-Z053) LARUE, (KY-Z054) MARION, (KY-Z055) BOYLE, (KY-Z056) GARRARD, (KY-Z057) MADISON, (KY-Z061) BUTLER, (KY-Z062) EDMONSON, (KY-Z063) HART, (KY-Z064) GREEN, (KY-Z065) TAYLOR, (KY-Z066) CASEY, (KY-Z067) LINCOLN, (KY-Z070) LOGAN, (KY-Z071) WARREN, (KY-Z072) SIMPSON, (KY-Z073) ALLEN, (KY-Z074) BARREN, (KY-Z075) MONROE, (KY-Z076) METCALFE, (KY-Z077) ADAIR, (KY-Z078) RUSSELL, (KY-Z081) CUMBERLAND, (KY-Z082) CLINTON

02/16/15 02:00 CST	0	Heavy Snow
02/16/15 21:00 CST	0	

(KY-Z023) HANCOCK, (KY-Z024) BRECKINRIDGE, (KY-Z025) MEADE, (KY-Z026) OHIO, (KY-Z027) GRAYSON, (KY-Z028) HARDIN, (KY-Z029) BULLITT, (KY-Z030) JEFFERSON, (KY-Z031) OLDHAM, (KY-Z032) TRIMBLE, (KY-Z033) HENRY, (KY-Z034) SHELBY, (KY-Z035) FRANKLIN, (KY-Z036) SCOTT, (KY-Z037) HARRISON, (KY-Z038) SPENCER, (KY-Z039) ANDERSON, (KY-Z040) WOODFORD, (KY-Z041) FAYETTE, (KY-Z042) BOURBON, (KY-Z043) NICHOLAS, (KY-Z045) NELSON, (KY-Z046) WASHINGTON, (KY-Z047) MERCER, (KY-Z048) JESSAMINE, (KY-Z049) CLARK, (KY-Z053) LARUE, (KY-Z054) MARION, (KY-Z055) BOYLE, (KY-Z056) GARRARD, (KY-Z057) MADISON, (KY-Z061) BUTLER, (KY-Z062) EDMONSON, (KY-Z063) HART, (KY-Z064) GREEN, (KY-Z065) TAYLOR, (KY-Z066) CASEY, (KY-Z067) LINCOLN, (KY-Z070) LOGAN, (KY-Z071) WARREN, (KY-Z072) SIMPSON, (KY-Z073) ALLEN, (KY-Z074) BARREN, (KY-Z075) MONROE, (KY-Z076) METCALFE, (KY-Z077) ADAIR, (KY-Z078) RUSSELL, (KY-Z081) CUMBERLAND, (KY-Z082) CLINTON

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fatalities - from heart attacks occurring while shoveling snow or trying to push out a stuck vehicle - were attributed to the snow.				
WARREN COUNTY --- 0.8 W ALVATON [36.87, -86.36], 0.8 S MASSEYS MILL [36.87, -86.38], 0.1 SSW MASSEYS MILL [36.88, -86.38], 0.7 ESE MASSEYS MILL [36.88, -86.37]				
	02/22/15 08:50 CST		0	Flood (due to Heavy Rain / Snow Melt)
	02/22/15 12:55 CST		0	Source: River/Stream Gage
Heavy rain and melting snow combined to bring minor flooding to Drake's Creek at Alvaton. The river was in flood for only 4 hours, peaking at 22.2 feet just before noon. Flood stage is 22 feet.				
BUTLER COUNTY --- ROCHESTER [37.22, -86.90], 0.8 SE ROCHESTER [37.21, -86.89], 0.7 S ROCHESTER [37.21, -86.90], 0.5 SW ROCHESTER [37.22, -86.91]				
	02/24/15 00:00 CST		0	Flood (due to Heavy Rain / Snow Melt)
	02/24/15 20:00 CST		0	Source: River/Stream Gage
Melting snow, combined with heavy rain on the 21st that totaled over 2 inches at nearby Bowling Green, brought the Green River into flood at Rochester. Flood stage is 17 feet, with the crest peaking at 17.2 feet during the afternoon of the 24th of February.				
Arctic air and previous snowstorms left around 10 inches of snow on the ground at nearby Bowling Green through the 20th of February. On the 21st, warmer air brought rain, which totaled just over 2 inches. Rain and snowmelt combined to bring minor flooding to Drake's Creek at Alvaton on the 22nd.				